

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

KOLOSSOV *et al.*

Appl. No.: 10/561,780

§ 371 Date: July 2, 2007

For: **Tissue Modeling In Embryonic  
Stem (ES) Cell System**

Confirmation No.: 5875

Art Unit: 1632

Examiner: NOBLE, Marcia Stephens

Atty. Docket: 2590.0030002/EJH/SAC

**Amendment and Reply Under 37 C.F.R. § 1.111**

***Mail Stop Amendment***

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

In reply to the Office Action dated August 11, 2009, (PTO Prosecution File Wrapper Paper No. 20090714), Applicants submit the following Amendment and Remarks.

Amendments to the Specification begin on page 3 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 4 of this paper.

Amendments to the Drawings begin on page 10 of this paper and include both an attached replacement sheet and an annotated sheet showing changes.

Remarks and Arguments begin on page 11 of this paper.

An Appendix including amended drawing figures is attached following page 22 of this paper.

It is not believed that extensions of time or fees for net addition of claims are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefor (including fees for net addition of claims) are hereby authorized to be charged to our Deposit Account No. 19-0036.